

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	222467	((delta adj aluminum adj oxide) or (delta adj alumina) or (aluminum oxide c) or (aluminum adj oxide adj c)) and ((("titanium oxide") or (titanium adj oxide) or TiO2 or ("TiO.sub.2")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:44
S2	5687	S1 and photocatalytic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:44
S3	89775	((delta adj aluminum adj oxide) or (delta adj alumina) or (aluminum oxide c) or (aluminum adj oxide adj c)) SAME ((("titanium oxide") or (titanium adj oxide) or TiO2 or ("TiO.sub.2") or (titanium adj dioxide)) SAME ((("silicon dioxide") or SiO2 or ("SiO.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:53
S4	1480	S3 and photocatalytic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:53
S5	577	((delta adj aluminum adj oxide) or (delta adj alumina) or ("aluminum oxide c") or (aluminum adj oxide adj c)) and ((("titanium oxide") or (titanium adj oxide) or TiO2 or ("TiO.sub.2")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:53
S6	163	((delta adj aluminum adj oxide) or (delta adj alumina) or ("aluminum oxide c") or (aluminum adj oxide adj c)) SAME ((("titanium oxide") or (titanium adj oxide) or TiO2 or ("TiO.sub.2") or (titanium adj dioxide)) SAME ((("silicon dioxide") or SiO2 or ("SiO.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:53

S7	1	S6 and photocatalytic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:54
S8	651	((delta adj aluminum adj oxide) or (delta adj alumina) or ("aluminum oxide c") or (aluminum adj oxide adj c)) and ((("titanium oxide") or (titanium adj oxide) or TiO2 or ("TiO.sub.2") or (titanium adj dioxide)) and ((("silicon dioxide") or SiO2 or ("SiO.sub.2") or silica or (silicon adj dioxide)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:54
S9	13	S8 and photocatalytic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:55
S10	98	S8 and cleaning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:56
S11	314	((delta adj aluminum adj oxide) or (delta adj alumina) or ("aluminum oxide c") or (aluminum adj oxide adj c)) same5 ((("titanium oxide") or (titanium adj oxide) or TiO2 or ("TiO.sub.2") or (titanium adj dioxide)) same5 ((("silicon dioxide") or SiO2 or ("SiO.sub.2") or silica or (silicon adj dioxide)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:58
S12	198	S11 and (surface adj area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:59
S13	162	S12 and diameter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:59

S14	163	((delta adj aluminum adj oxide) or (delta adj alumina) or ("aluminum oxide c") or (aluminum adj oxide adj c)) same (("titanium oxide") or (titanium adj oxide) or TiO ₂ or ("TiO.sub.2") or (titanium adj dioxide)) same (("silicon dioxide") or SiO ₂ or ("SiO.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 16:26
S15	103	S14 and (surface adj area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 16:27
S16	40038	((delta adj aluminum adj oxide) or (delta adj alumina) or ("aluminum oxide c") or (aluminum adj oxide adj c) or Al ₂ O ₃ or ("aluminum oxide") or ("Al.sub.2" "O.sub.3") or (aluminum adj oxide)) same (("titanium oxide") or (titanium adj oxide) or TiO ₂ or ("TiO.sub.2") or (titanium adj dioxide)) same (("silicon dioxide") or SiO ₂ or ("SiO.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 16:55
S17	474089	((delta adj aluminum adj oxide) or (delta adj alumina) or ("aluminum oxide c") or (aluminum adj oxide adj2 c) or Al ₂ O ₃ adj c) or ("aluminum oxide-c") or ("Al.sub.2" "O.sub.3" "c")) same (("titanium dioxide") or (titanium adj dioxide) or TiO ₂ or ("TiO.sub.2") or (Ti "O.sub.2")) same (("silicon dioxide") or SiO ₂ or ("SiO.sub.2") or (Si "O.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/25 13:49

S18	102	((delta adj aluminum adj oxide) or (delta adj alumina) or ("aluminum oxide c") or (aluminum adj oxide adj c) or ("Al.sub.2" adj "O.sub.3" adj "c")) same (("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same (("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/25 13:54
S19	36121	((aluminum adj oxide) or (alumina) or ("aluminum oxide") or (aluminum adj oxide) or ("Al.sub.2" adj "O.sub.3")) same (("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same (("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/25 14:12
S20	2264	((aluminum adj oxide) or (alumina) or ("aluminum oxide") or ("Al.sub.2" adj "O.sub.3")) same (("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same (("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide)) same (surface adj area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/25 14:15
S21	298	((aluminum adj oxide) or alumina or ("aluminum oxide") or ("Al.sub.2" adj "O.sub.3")) same (("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same (("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide)) same ((surface adj area) near (2 {d} or 3{d} or 4{d} or 5 {d} or 6{d} or 7{d} or 8 {d} or 9{d} or 1{d2} or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/25 14:24

S22	114	S21 and ((pore or capillary) NEAR diameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/25 14:29
S23	457	((aluminum adj oxide) or alumina or ("aluminum oxide") or Al ₂ O ₃ or ("Al. sub.2" adj "O.sub.3")) same (("titanium dioxide") or (titanium adj dioxide) or TiO ₂ or ("TiO.sub.2") or (Ti adj "O.sub.2")) same ((surface adj area) near (2 {d} or 3 {d} or 4 {d} or 5 {d} or 6 {d} or 7 {d} or 8 {d} or 9 {d} or 1 {d ² } or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 08:39
S24	201	S23 and ((pore or capillary) same diameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 08:44
S25	119	S23 same ((pore or capillary) same diameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 08:44
S26	60	S23 and "428".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 08:44
S27	17	S23 and "428".clas. NOT magnetic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 08:57
S28	343	S23 and cataly\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 08:58
S29	11	S23 and photocataly\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 08:59
S30	8	S23 and photocataly\$7 and anatase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 09:24
S31	59	S23 and (photocataly\$7 or (self adj cleaning) or \$hydrophobic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 11:00

S32	724	((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same (((aluminum adj oxide) or alumina or ("aluminum oxide") or Al2O3 or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2" "O.sub.3")) or ((("silicon dioxide") or SiO2 or ("Si O.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))) same ((surface adj area) near (2 {d} or 3{d} or 4{d} or 5 {d} or 6{d} or 7{d} or 8 {d} or 9{d} or 1{d2} or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 11:05
S33	11	S32 and (((pore or capillary) adj diameter) near ("0.1" or "0.2" or "0.3" or "0.4" or "0.5" or "0.6" or "0.7" or "0.8" or "0.9" or 1{d}))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 11:16
S34	1	us-6342614-\$.did.	USPAT	OR	OFF	2008/11/26 11:19
S35	796	((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same (((aluminum adj oxide) or alumina or ("aluminum oxide") or Al2O3 or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2" "O.sub.3")) or ((("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))) same ((surface adj area) near (2 {d} or 3{d} or 4{d} or 5 {d} or 6{d} or 7{d} or 8 {d} or 9{d} or 1{d2} or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 11:28

S36	479	((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same ((aluminum adj oxide) or alumina or ("aluminum oxide") or Al2O3 or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2" "O.sub.3")) same ((surface adj area) near (2{d} or 3{d} or 4{d} or 5{d} or 6{d} or 7{d} or 8{d} or 9{d} or 1{d2} or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 12:44
S38	511	((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same ((("silicon dioxide") or SiO2 or ("Si O.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide)) same ((surface adj area) near (2{d} or 3{d} or 4{d} or 5{d} or 6{d} or 7{d} or 8{d} or 9{d} or 1{d2} or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 12:50
S40	10	S36 and (((pore or capillary) adj diameter) near ("0.1" or "0.2" or "0.3" or "0.4" or "0.5" or "0.6" or "0.7" or "0.8" or "0.9" or 1{d}))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 12:54
S41	4	S38 and (((pore or capillary) adj diameter) near ("0.1" or "0.2" or "0.3" or "0.4" or "0.5" or "0.6" or "0.7" or "0.8" or "0.9" or 1{d}))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 12:56
S42	8	S36 and photocatalyt\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 13:01
S43	12	S38 and photocatalyt\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 13:01

S44	457	((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same ((aluminum adj oxide) or alumina or ("aluminum oxide") or Al2O3 or ("Al.sub.2" adj "O.sub.3")) same ((surface adj area) near (2{d} or 3{d} or 4{d} or 5{d} or 6{d} or 7{d} or 8{d} or 9{d} or 1{d2} or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 13:03
S45	4	S44 and photocatalyt\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 13:07
S46	50	S44 and hydrophobic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 13:21
S50	2	us-5861132-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 14:28
S51	2	ep-1072507-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 14:31
S52	1	gb-2252707-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 14:33
S53	1	su-1043154-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 14:36
S56	1	ep-115701-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 14:42
S57	2	ep-590477-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/26 14:43
S58	27166	photocataly\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 18:38
S59	21369	photocataly\$3.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 18:39

S60	413	S59 and ((surface adj area) near2 (2{d} or 3{d} or 4{d} or 5{d} or 6{d} or 7{d} or 8{d} or 9{d} or 1{d2} or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 18:51
S61	7	S60 and (((pore or capillary) adj (diameter or size)) near ("0.1" or "0.2" or "0.3" or "0.4" or "0.5" or "0.6" or "0.7" or "0.8" or "0.9" or 1{d}))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 18:56
S62	2	wo-9710186-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 19:17
S63	1	de-69311866-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 19:18
S64	1061859	((("titanium dioxide") or (titanium adj dioxide) or TiO ₂ or ("TiO.sub.2") or (Ti adj "O.sub.2")) same ((aluminum adj oxide) or alumina or ("aluminum oxide") or Al ₂ O ₃ or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2O.sub.3")) or (("silicon dioxide") or SiO ₂ or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 10:37
S65	10807	S64 same ((surface adj area) near (2{d} or 3{d} or 4{d} or 5{d} or 6{d} or 7{d} or 8{d} or 9{d} or 1{d2} or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 10:37
S66	48	S65 and photocataly\$3.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 10:40
S67	21370	photocataly\$3.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 10:44

S68	269	S67 and (((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same ((aluminum adj oxide) or alumina or ("aluminum oxide") or Al2O3 or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2O.sub.3")) same ((("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 10:45
S69	52785	((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same ((aluminum adj oxide) or alumina or ("aluminum oxide") or Al2O3 or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2O.sub.3")) same ((("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 10:46
S70	341	S69 same ((surface adj area) near (2{d} or 3{d} or 4{d} or 5{d} or 6{d} or 7{d} or 8{d} or 9{d} or 1{d2} or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 10:47
S71	1	S70 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 10:53
S72	112003	((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) same (((aluminum adj oxide) or alumina or ("aluminum oxide") or Al2O3 or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2O.sub.3")) or ((("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 10:55
S73	797	S72 same ((surface adj area) near (2{d} or 3{d} or 4{d} or 5{d} or 6{d} or 7{d} or 8{d} or 9{d} or 1{d2} or "200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 10:55

S74	18	S73 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 10:59
S75	65	S69 same (((pore or capillary) near (diameter or size)) near2 ("0.1" or "0.2" or "0.3" or "0.4" or "0.5" or "0.6" or "0.7" or "0.8" or "0.9" or 1{d}))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 11:33
S76	1	jp-2503370-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 11:34
S77	0	S75 and photocataly\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 12:08
S78	39	S75 and cataly\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 12:08
S79	127	S72 same (((pore or capillary) near (diameter or size)) near2 ("0.1" or "0.2" or "0.3" or "0.4" or "0.5" or "0.6" or "0.7" or "0.8" or "0.9" or 1{d}))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:13
S80	1	S79 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 13:15
S81	5	S79 and photocataly\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 13:22
S82	51	S79 and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 13:26
S83	24	S79 and ceramic.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 13:26
S84	2	ep-909747-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 14:23
S85	1	wo-0179141-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 14:31

S86	2	free adj breathing adj cross adj section	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 14:46
S87	398	428/312.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 14:57
S88	4	S87 and photocataly\$3.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 14:57
S89	5	S87 and photocataly\$3.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 14:58
S90	12	S87 and photocataly\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 14:58
S91	252	S87 and porous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 14:58
S92	55	S91 and ceramic.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 14:58
S93	32	S87 and (("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO. sub.2") or (Ti adj "O. sub.2")) and ((aluminum adj oxide) or alumina or ("aluminum oxide") or Al2O3 or ("Al.sub.2" adj "O. sub.3") or ("Al.sub.2O. sub.3")) and (("silicon dioxide") or SiO2 or ("SiO. sub.2") or (Si adj "O. sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 15:00
S94	17	("6191062").URPN.	USPAT	ADJ	ON	2008/12/04 15:02

S95	9	S94 and (("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2")) and ((aluminum adj oxide) or alumina or ("aluminum oxide") or Al2O3 or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2O.sub.3")) and (("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 15:19
S96	2	S95 and depth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 15:24
S97	1	S66 and depth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 15:32
S98	2	"20060099397".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/04 15:54
S99	2	"20060099397".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/12/06 13:47
S100	97258	((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2") or titania) same ((aluminum adj oxide) or (alumina) or ("aluminum oxide") or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2O.sub.3") or (al2o3)) same (("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 13:59
S101	1486	S100 and photocataly\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 13:59
S102	4	S101 and intergranular	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 13:59

S103	2	S101 and intragranular	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 14:00
S104	2	S101 and (free adj breathing adj cross adj section)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 14:21
S105	3	(oxide near ceramic) same pore same intragranular	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 14:34
S106	235	S101 and depth	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 14:39
S107	28	S101 and ((coating or layer or film or sheet) near depth)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 14:39
S108	24	S106 and (depth near ("1" or "2"))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 14:52
S109	1671832	((("titanium dioxide") or (titanium adj dioxide) or TiO ₂ or ("TiO.sub.2") or (Ti adj "O.sub.2") or titania) or ((aluminum adj oxide) or (alumina) or ("aluminum oxide") or ("Al. sub.2" adj "O.sub.3") or ("Al.sub.2O.sub.3") or (al ₂ O ₃)) or (("silicon dioxide") or SiO ₂ or ("SiO. sub.2") or (Si adj "O. sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:01
S110	15543	S109 and photocataly\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:02
S111	3135	S110 and ceramic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:03
S112	37	S111 and (depth near ("1" or "2"))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:03
S113	1006	S101 and thickness	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:03

S114	758	S101 and ((coating or layer or film or sheet) near thickness)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:04
S115	205	S114 and (thickness near ("1" or "2"))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:07
S116	50	S114 and (thickness near ("1" or "2") near mm)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:12
S117	2	us-5198403-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 16:26
S118	4275	S110 and ((coating or layer or film or sheet) with thickness)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:12
S119	3	S118 and (mean adj layer adj thickness)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:13
S120	55	S118 and (mean adj thickness)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:13
S121	11015	S109 and photocataly\$3. ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:14
S122	1548	S121 and ((coating or layer or film or sheet) with thickness)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:15
S123	659	S122 and photocataly\$3. clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:15
S124	248	S123 and @ad<"20020529"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:15
S125	18	S124 and thickness near "nm"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:28
S126	148453	S109 and raised	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:36

S127	2629	S109 and (raised adj portion?)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:36
S128	1	S121 and (raised adj portion?)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:37
S129	107092	S126 and (stone or clay or mineral? or powder or SiC or glass)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:43
S130	189	S129 and photocataly\$3. ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 17:44
S131	5	S130 and (silicon adj carbide)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 18:16
S132	2	wo-9710186-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 18:24
S133	1	de-69311866-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 18:31
S134	5807	S121 and @ad< "20020529"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 18:41
S135	16	S134 and (Particulate with ((ground adj rock) or (fire adj clay) or clay or mineral? or (ceramic adj powder) or SiC or (silicon adj carbide) or glass or (glass adj chamotte)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 18:43
S136	2056	(temperature adj resistant) with ((ground adj rock) or (fire adj clay) or clay or mineral? or (ceramic adj powder) or SiC or (silicon adj carbide) or glass or (glass adj chamotte))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 18:55
S137	5	S136 and photocataly\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 18:56
S138	1	de-69611618-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 19:01

S139	4470	(photocataly\$7 with (substrate or base or body)) and (((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2") or titania) or ((aluminum adj oxide) or (alumina) or ("aluminum oxide") or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2O.sub.3") or (al2o3)) or ((("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 19:19
S140	1175	S139 and ceramic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 19:20
S141	510	S140 and @ad< "20020529"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 19:20
S142	1	wo-0179141-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 19:48
S143	146	S121 and (((average or mean) adj particle adj size) near3 (1{d} or 2{d} or 3{d} or 4{d} or 5{d}))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/06 19:54
S144	1673259	((("titanium dioxide") or (titanium adj dioxide) or TiO2 or ("TiO.sub.2") or (Ti adj "O.sub.2") or titania) or ((aluminum adj oxide) or (alumina) or ("aluminum oxide") or ("Al.sub.2" adj "O.sub.3") or ("Al.sub.2O.sub.3") or (al2o3)) or ((("silicon dioxide") or SiO2 or ("SiO.sub.2") or (Si adj "O.sub.2") or silica or (silicon adj dioxide))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 11:55
S145	11053	S144 and photocataly\$3.ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 11:55
S146	554	S145 and (contact adj angle)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 11:55

S147	233	S146 and @ad< "20020529"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 11:56
S148	61	S145 and (((contact or edge) adj angle) near3 (1 {d2}))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 12:25
S149	15	S148 and @ad< "20020529"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 12:27
S150	1	jp-96000734-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/12/07 12:48
S151	0	S147 and superhydrophobic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 13:30
S152	5	S145 and superhydrophobic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 13:31
S153	11187	S144 and photocataly\$7. ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 13:34
S154	5877	S153 and @ad< "20020529"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 13:35
S155	16	S154 and (((contact or edge) adj angle) near3 (1 {d2}))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/07 13:36

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